

Q3 station to constitute said second stream a separated-out fraction of said first stream comprised of said constituent of said first stream.

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E4 168 (twice amended). Apparatus according to claim 174, wherein said emitting means which serves to generate an electromagnetic field comprises an antenna extending across said stream at said metal-detection station.

169 (twice amended). Apparatus according to claim 174, and further comprising advancing means for advancing said stream through said station, said advancing means being situated between said emitting means and said receiving means for the field.

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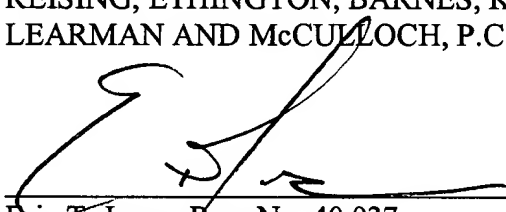
#### REMARKS

The Applicant requests that these amendments be entered to correct dependencies and, in the case of claim 169, to provide proper antecedent basis for the "advancing means".

I authorize the Assistant Commissioner to charge any deficiencies or credit any overpayment in connection with this correspondence to Deposit Account No. 50-0852. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

REISING, ETHINGTON, BARNES, KISSELLE,  
LEARMAN AND McCULLOCH, P.C.



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Date: December 19, 2002



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of  
Ulrichsen et al

Serial No. 09/541,718

Docket No. 0279.0340.003

Filed: April 30, 2000

Group Art Unit: 3653

For: DETERMINATION OF CHARACTERISTICS OF MATERIAL

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**MARKED UP COPY**

Box No Fee  
Assistant Commissioner for Patents  
Washington, D.C. 20231  
ATTN: T. Nguyen

Sir:

The following is a marked up copy of the accompanying Supplemental  
Amendment.

**IN THE CLAIMS:**

149 (amended). A method according to claim [147] 172 or 148, wherein the  
first and second streams are advanced in a common direction through said detection  
station.

150 (amended). A method according to claim [147] 172 or 148, wherein the  
first and second streams are advanced in respective opposite directions through said  
detection station.

156 (amended). Apparatus according to claim [155] 175, wherein the first  
and second advancing means take the form of a single conveyor.

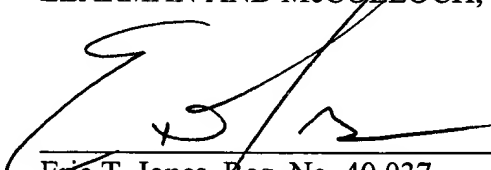
159 (amended). Apparatus according to claim [155] 175, and further comprising returning means serving to transport to said second advancing means upstream of said station to constitute said second stream a separated-out fraction of said first stream comprised of said constituent of said first stream.

168 (twice amended). Apparatus according to claim 174, wherein said emitting means which serves to generate an electromagnetic field comprises an antenna extending across said [advancing means] stream at said metal-detection station.

169 (twice amended). Apparatus according to claim 174 [or 168 wherein], and further comprising advancing means for advancing said stream through said station, said advancing means [is] being situated between said emitting means and said receiving means for the field.

Respectfully submitted,

REISING, ETHINGTON, BARNES, KISSELLE,  
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